

PTFE 3M SAMPLE CARD TRANSMISSION SPECTRUM (TOP)
AND ABSORBANCE SPECTRUM (BOTTOM)

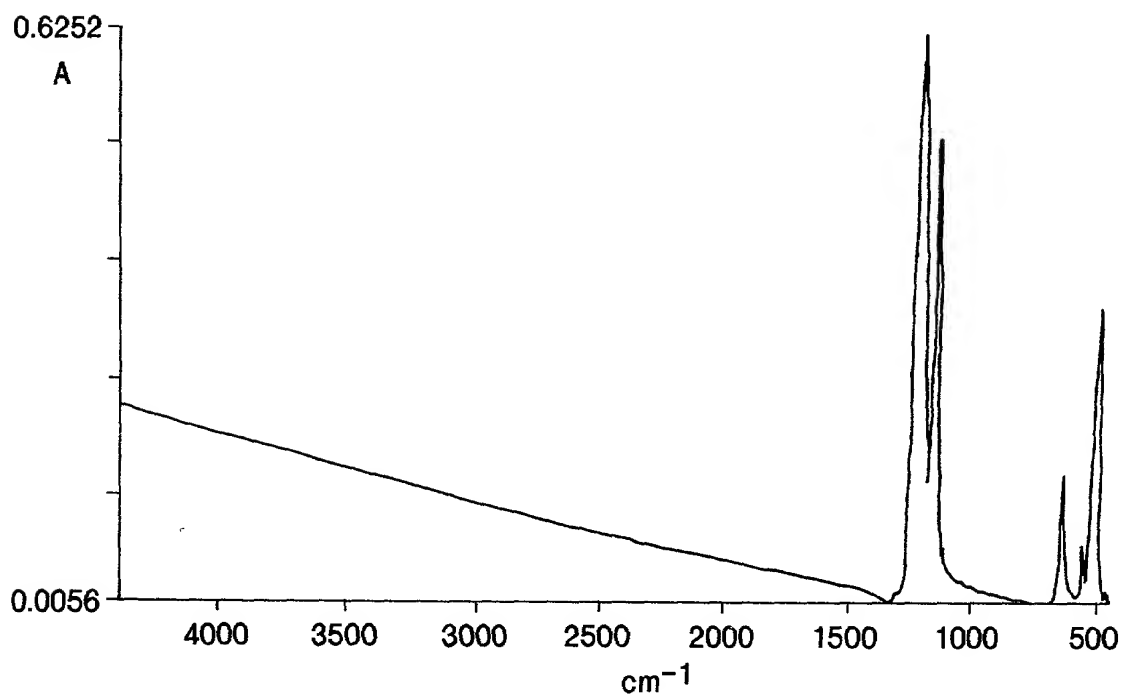
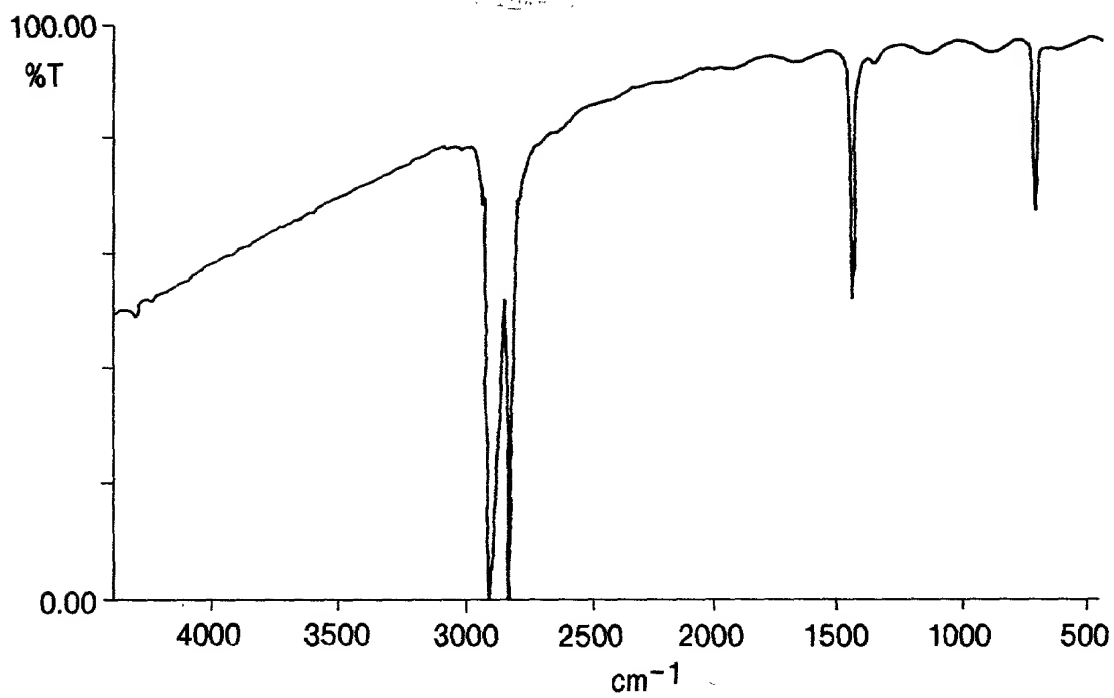


FIG. 1



POLYETHYLENE 3M SAMPLE CARD TRANSMISSION SPECTRUM (TOP)
AND ABSORBANCE SPECTRUM (BOTTOM)

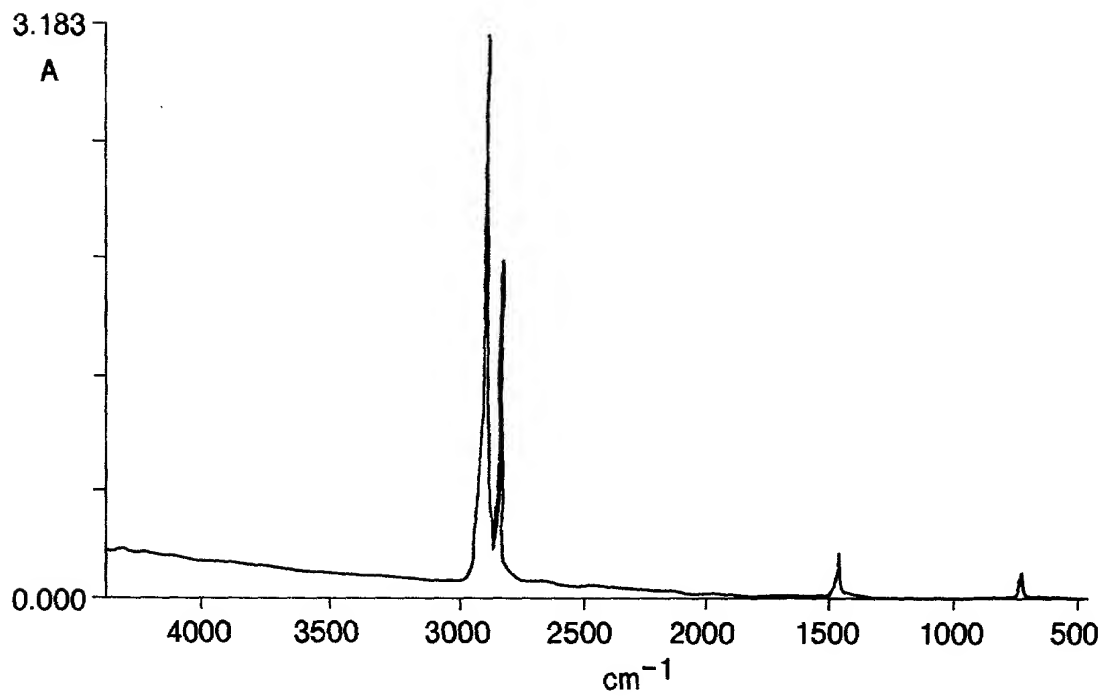
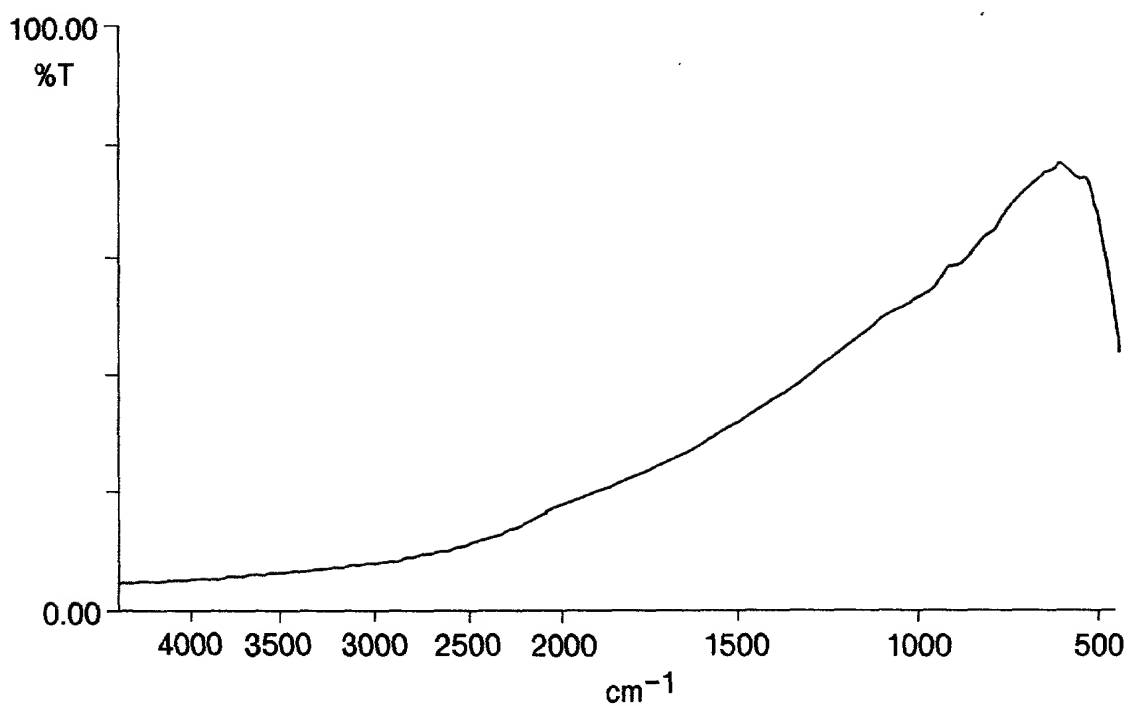
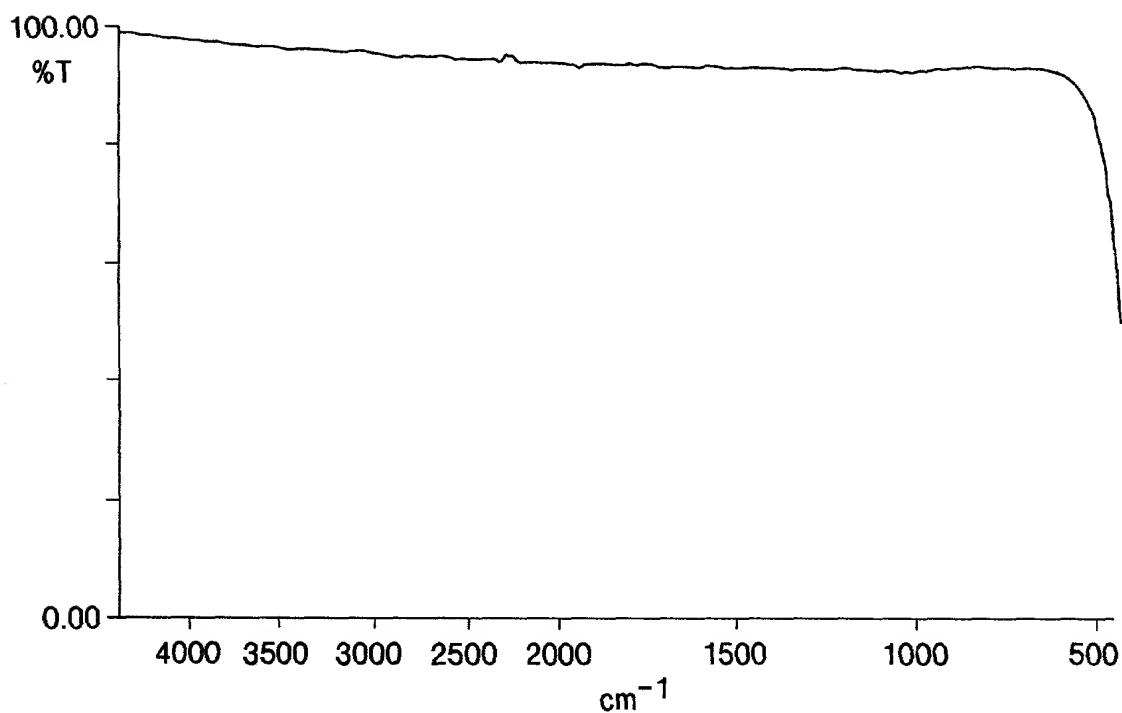


FIG. 2



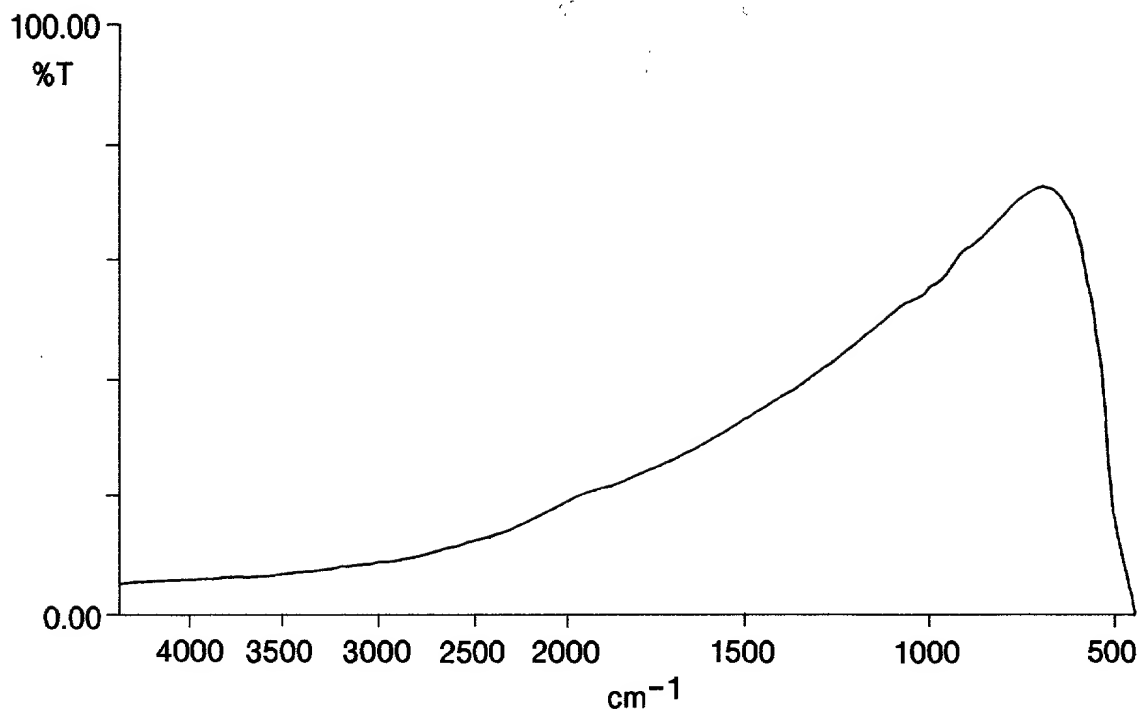
SPECTRUM KCL CRYSTAL BLANK, UNPOLISHED

FIG. 3A



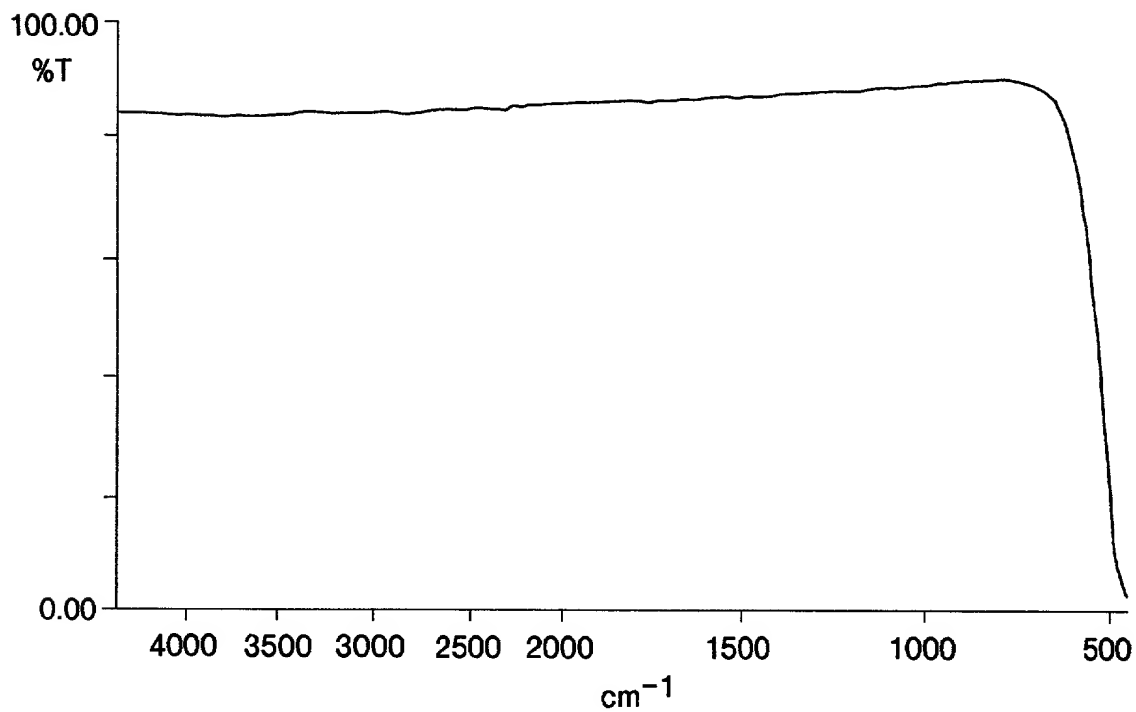
SPECTRUM KCL CRYSTAL BLANK, WATER POLISHED

FIG. 3B



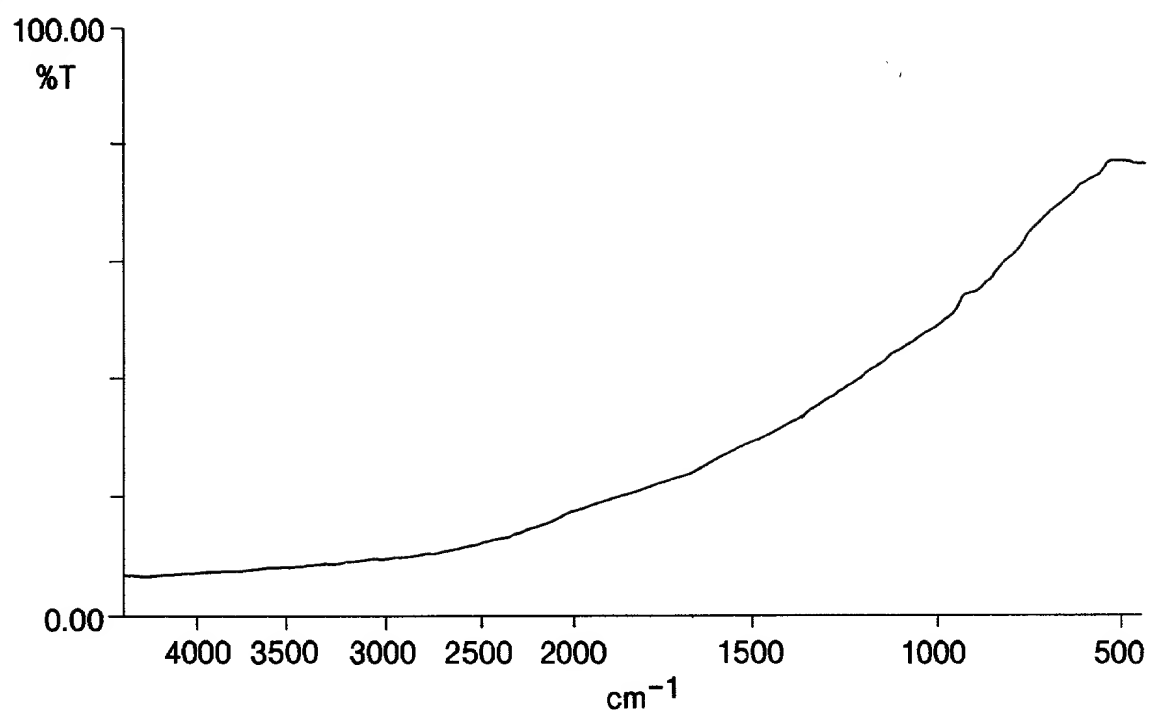
SPECTRUM NACL CRYSTAL BLANK, UNPOLISHED

FIG. 4A



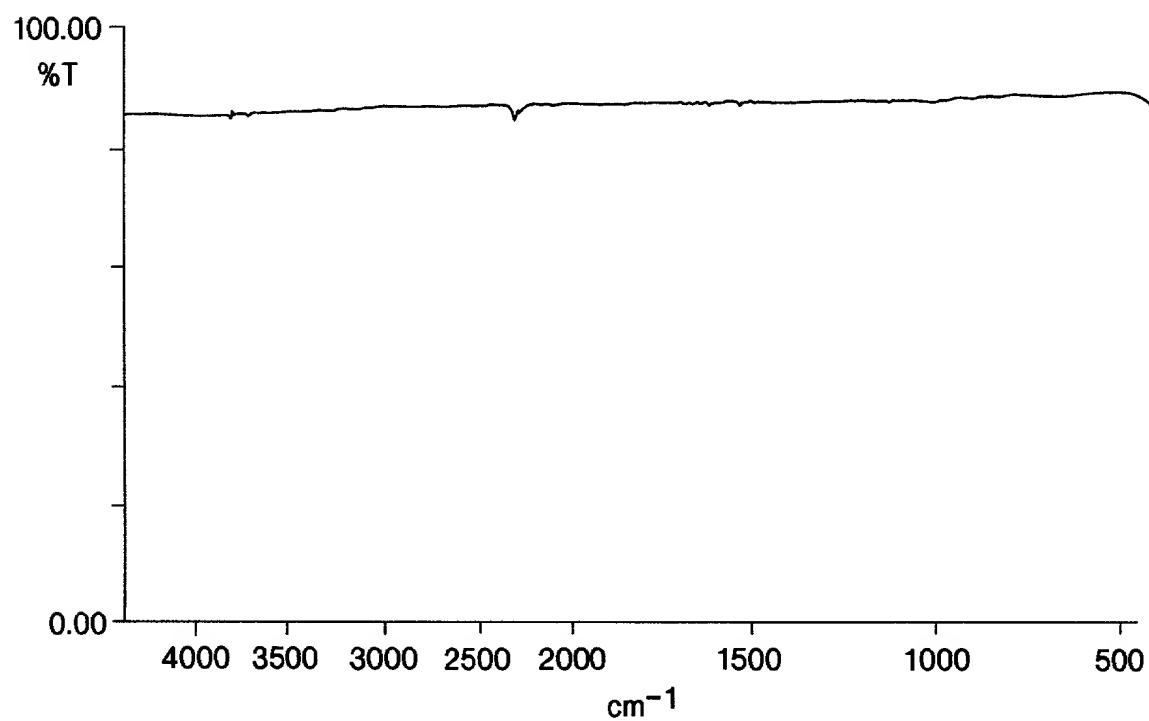
SPECTRUM NACL CRYSTAL BLANK, WATER POLISHED

FIG. 4B



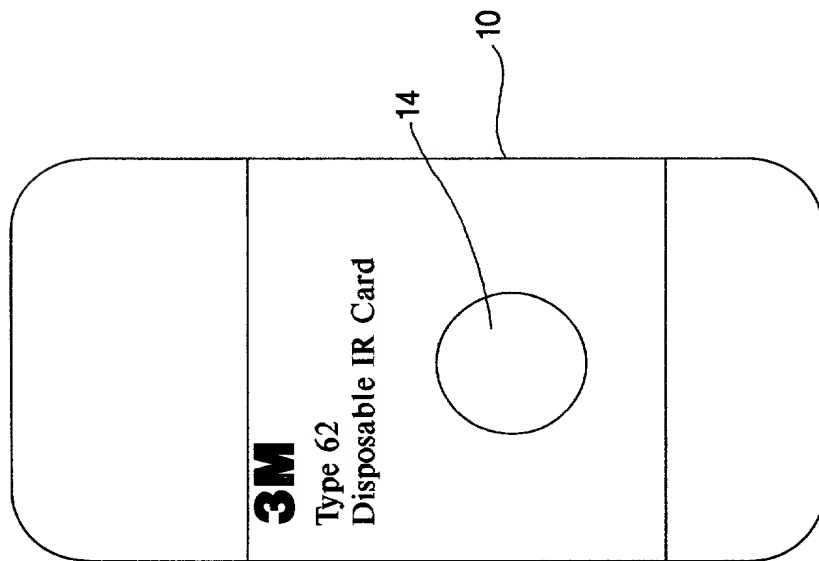
SPECTRUM KBR CRYSTAL BLANK, UNPOLISHED

FIG. 5A



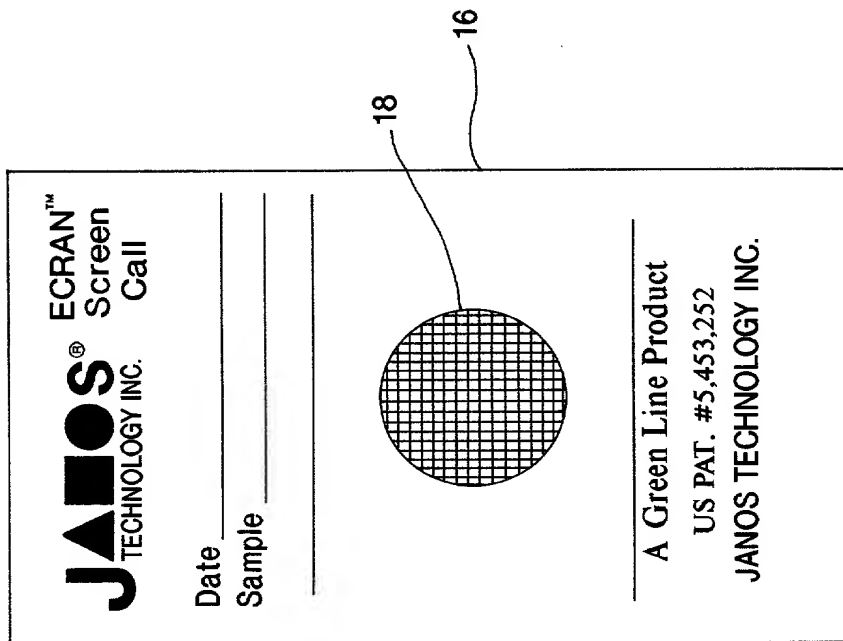
SPECTRUM KBR CRYSTAL BLANK, WATER POLISHED

FIG. 5B



3M SAMPLE CARD---PTFE

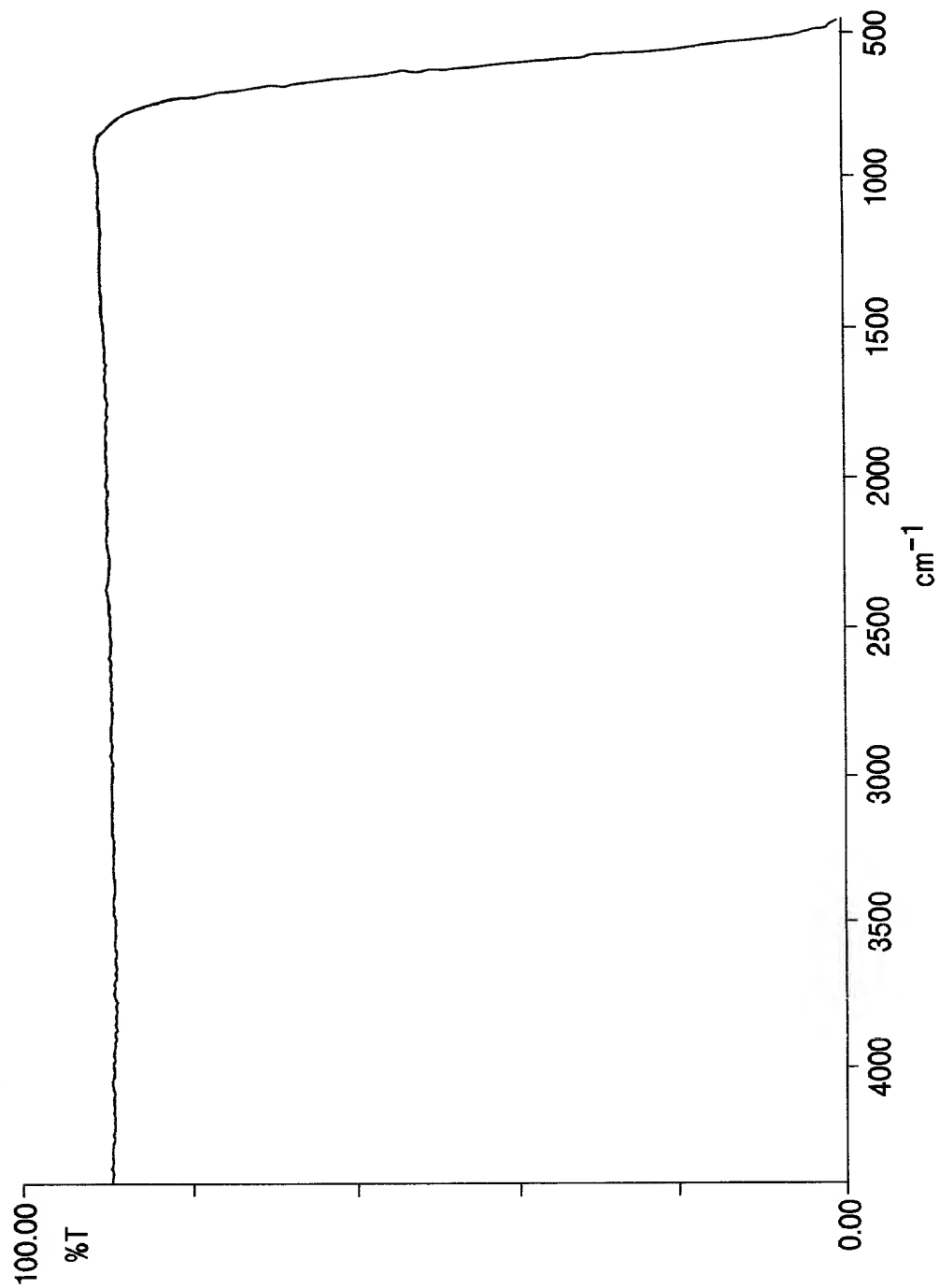
FIG. 6



JANOS SCREEN CARD

FIG. 7

202504090602



SPECTRUM OF CLEAVED NaCl CRYSTAL SAMPLE
SUPPORT MOUNTED IN 19MM APERTURE
SAMPLE CARD

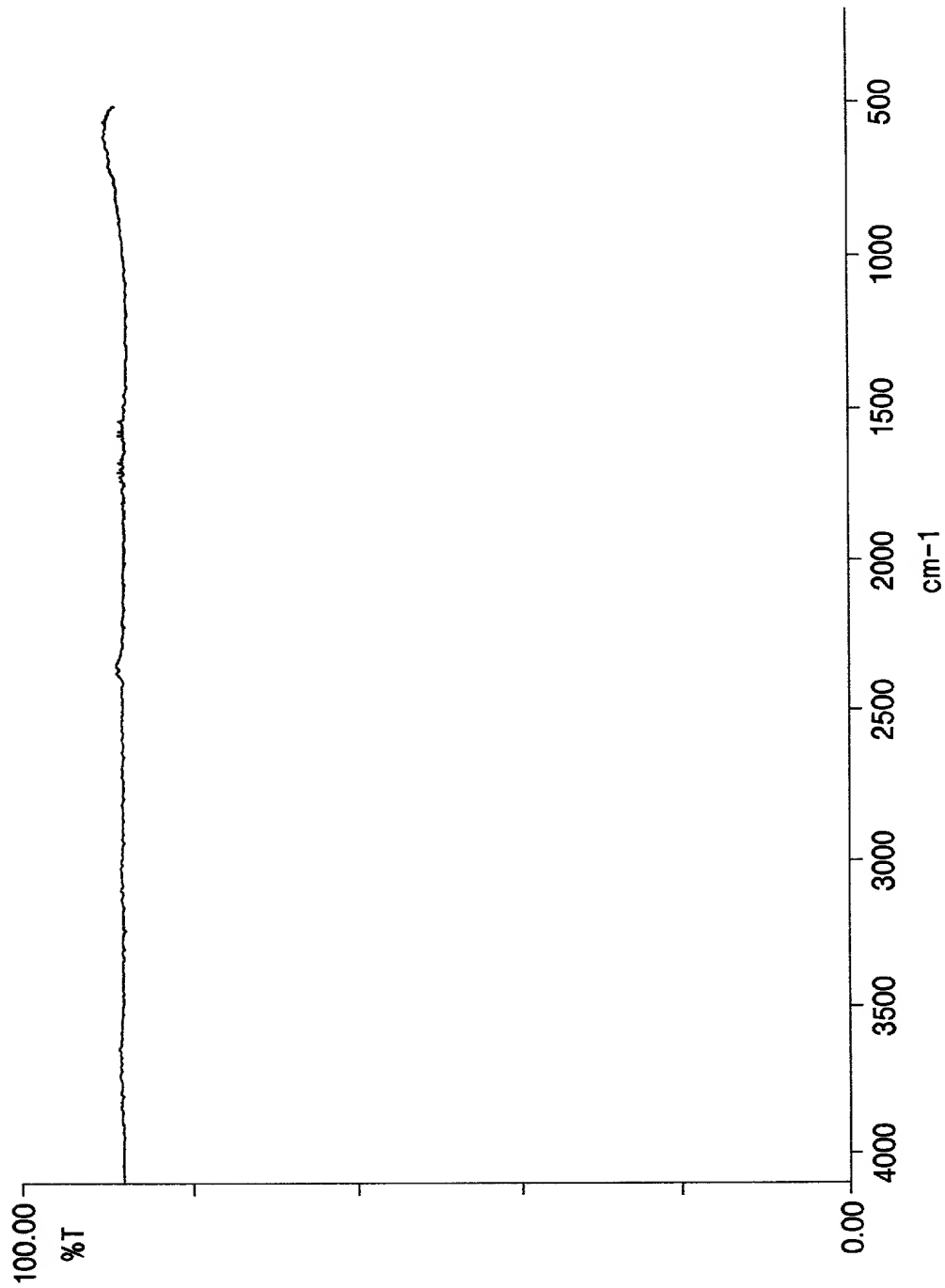
FIG. 8

The infrared spectrum of polyacetylene shows a baseline near 100% transmittance. A single, sharp, and relatively weak absorption peak is visible at approximately 2100 cm^{-1} , characteristic of the terminal alkyne group ($\text{C}\equiv\text{C-H}$) in the polymer chain. The rest of the spectrum is flat, indicating no significant absorption in the measured range.

SPECTRUM OF CLEAVED KCL CRYSTAL SAMPLE
SUPPORT MOUNTED IN 19MM APERTURE
SAMPLE CARD

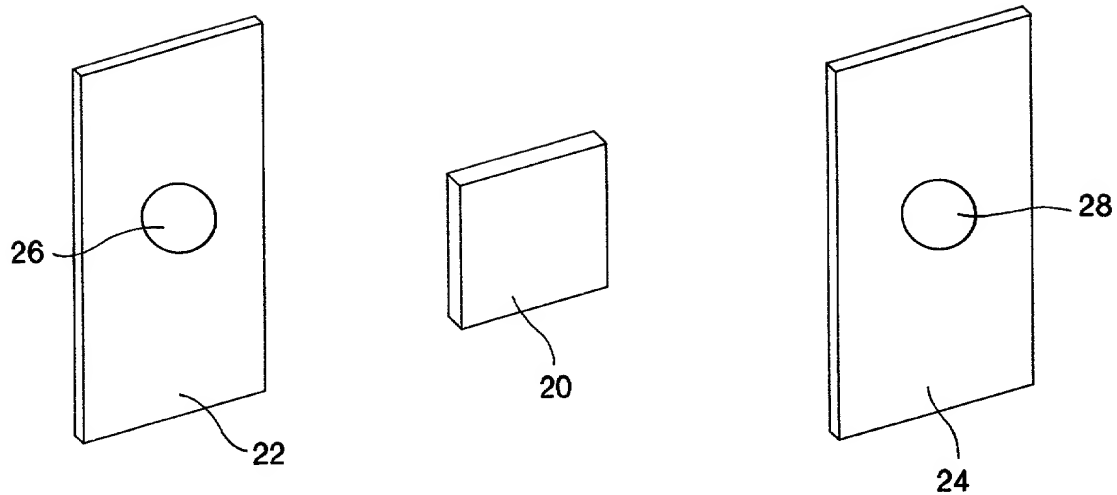
FIG. 9

REF ID: A92650



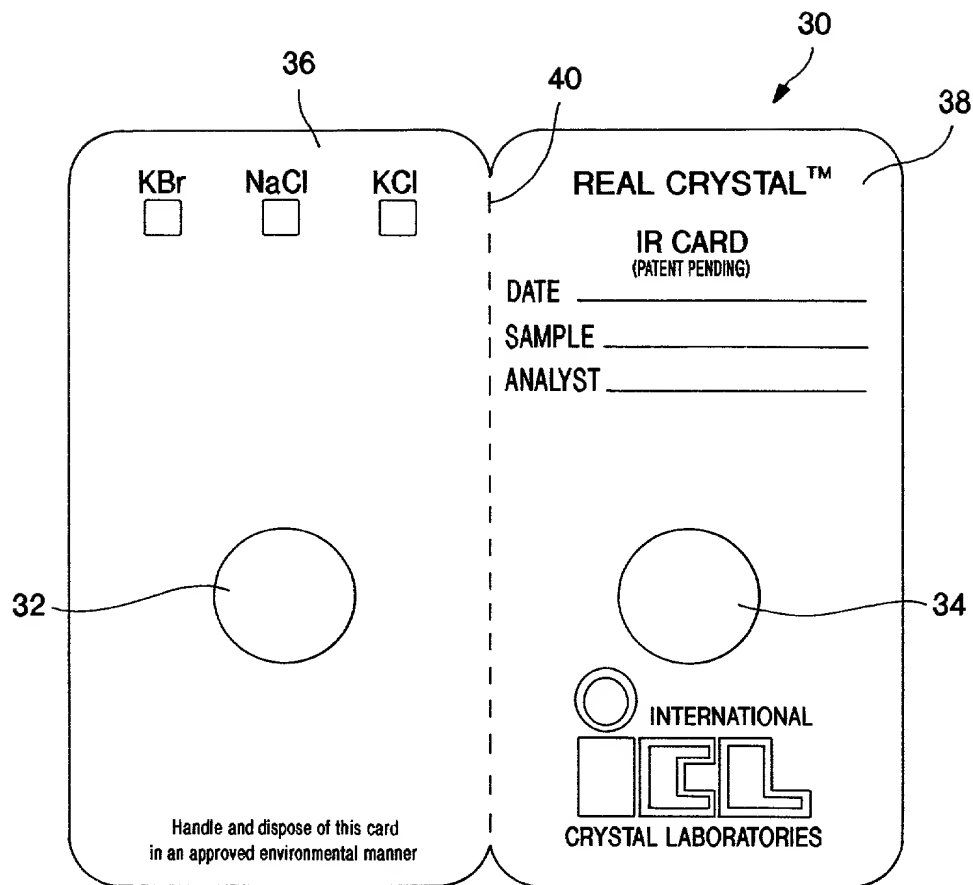
SPECTRUM OF CLEAVED KBR CRYSTAL SAMPLE
SUPPORT MOUNTED IN 19MM APERTURE
SAMPLE CARD

FIG. 10



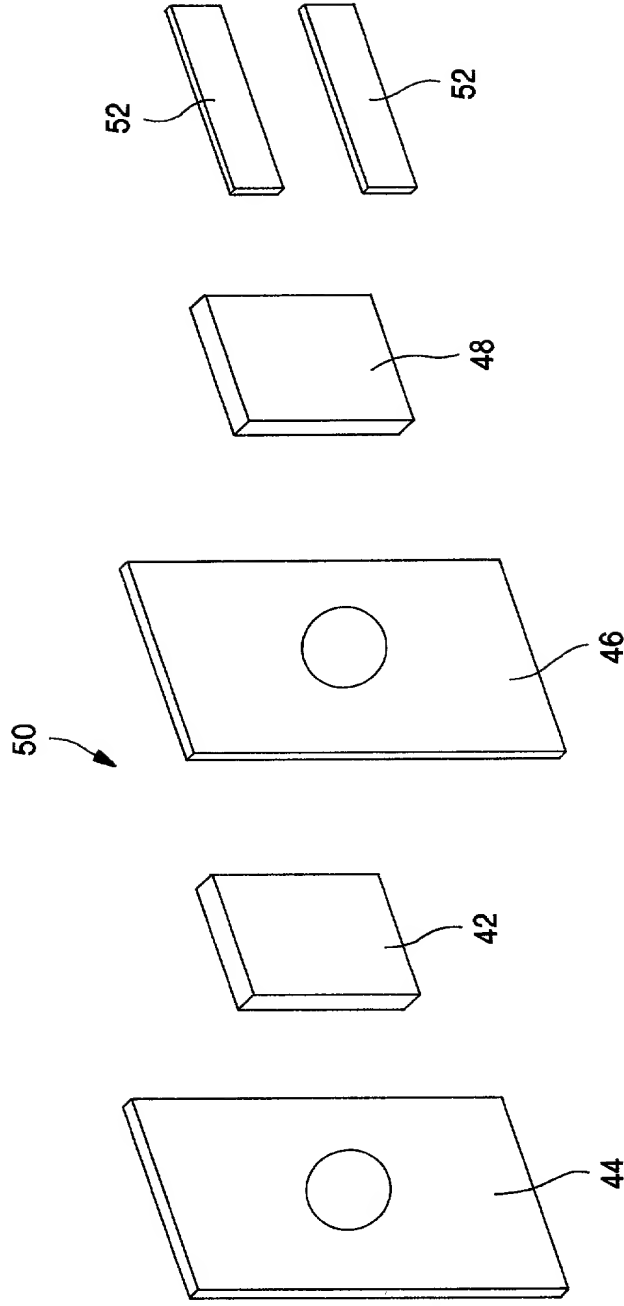
EXPLODED VIEW OF SAMPLE CARD WITH CLEAVED
CRYSTAL WINDOW AS SAMPLE SUPPORT

FIG. 11



SAMPLE CARD FRAME WITH 2 APERTURES FOR FOLD OVER
SANDWICHING OF SAMPLE SUPPORT WINDOW

FIG. 12



EXPLODED VIEW OF SAMPLE CARD WITH CLEAVED CRYSTAL
AS SAMPLE SUPPORT AND WITH SECOND COVER WINDOW

FIG. 13

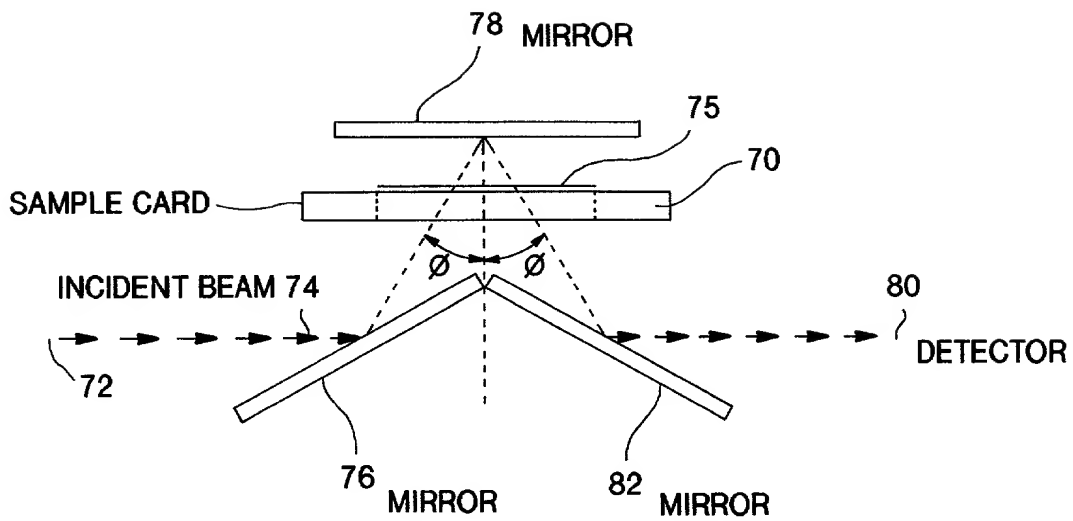
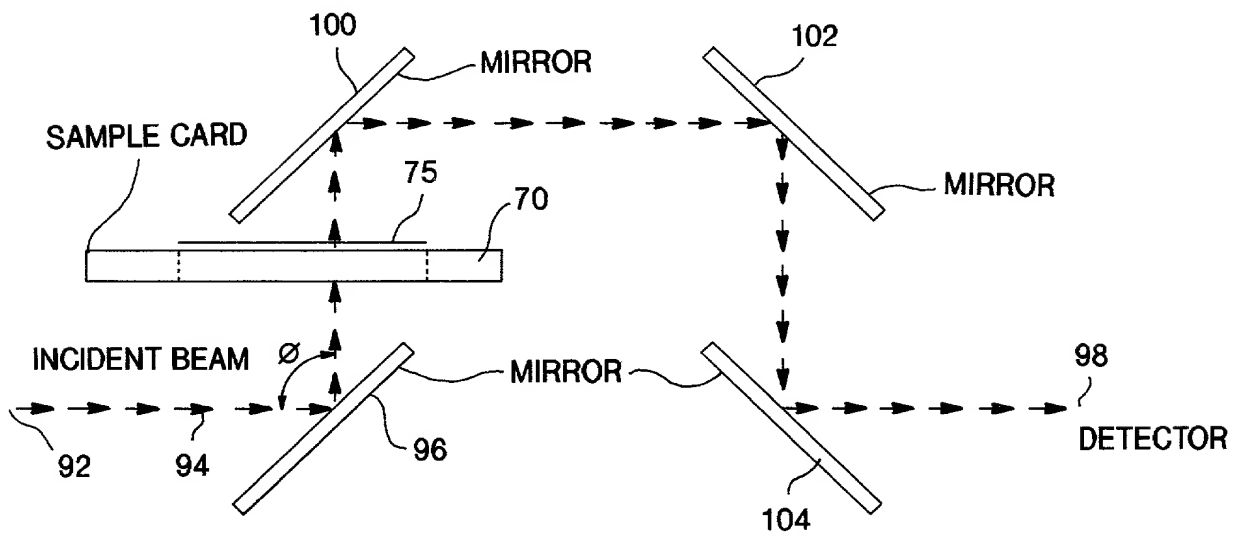


FIG. 14



USE OF SAMPLE CARD IN HORIZONTAL POSITION

FIG. 15

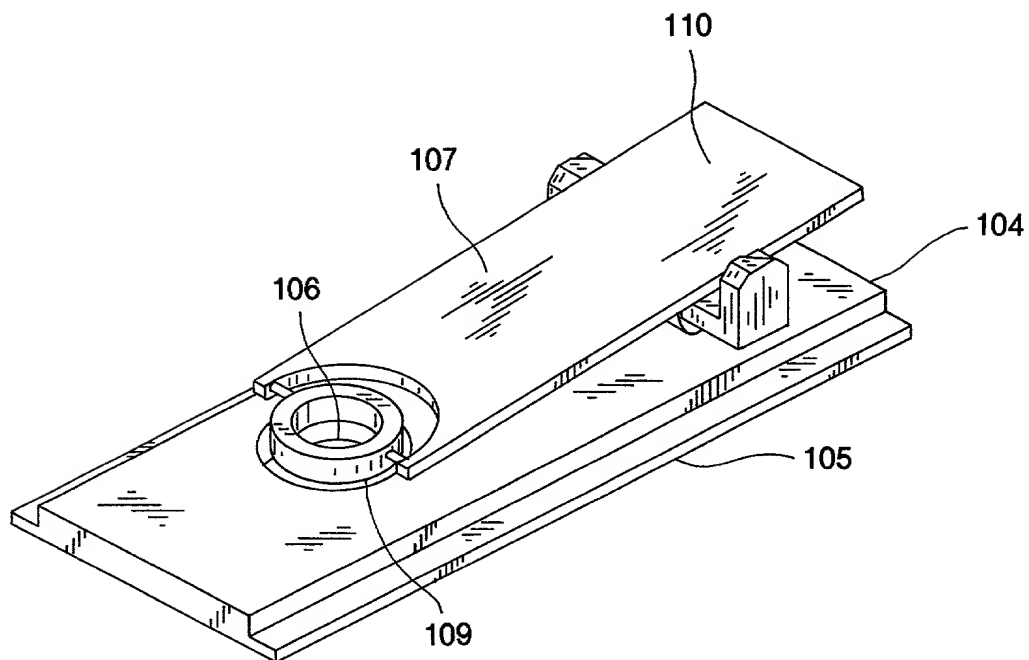


FIG. 16

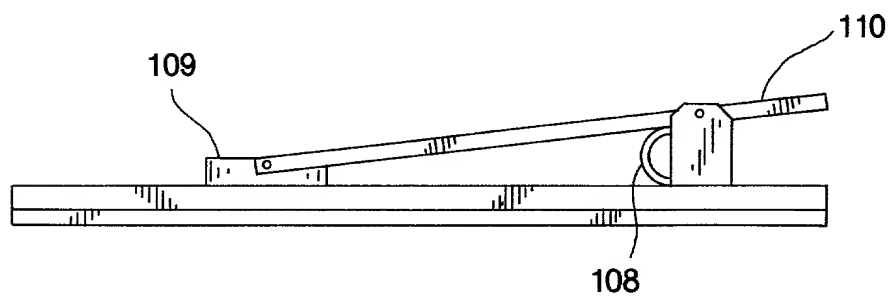


FIG. 17

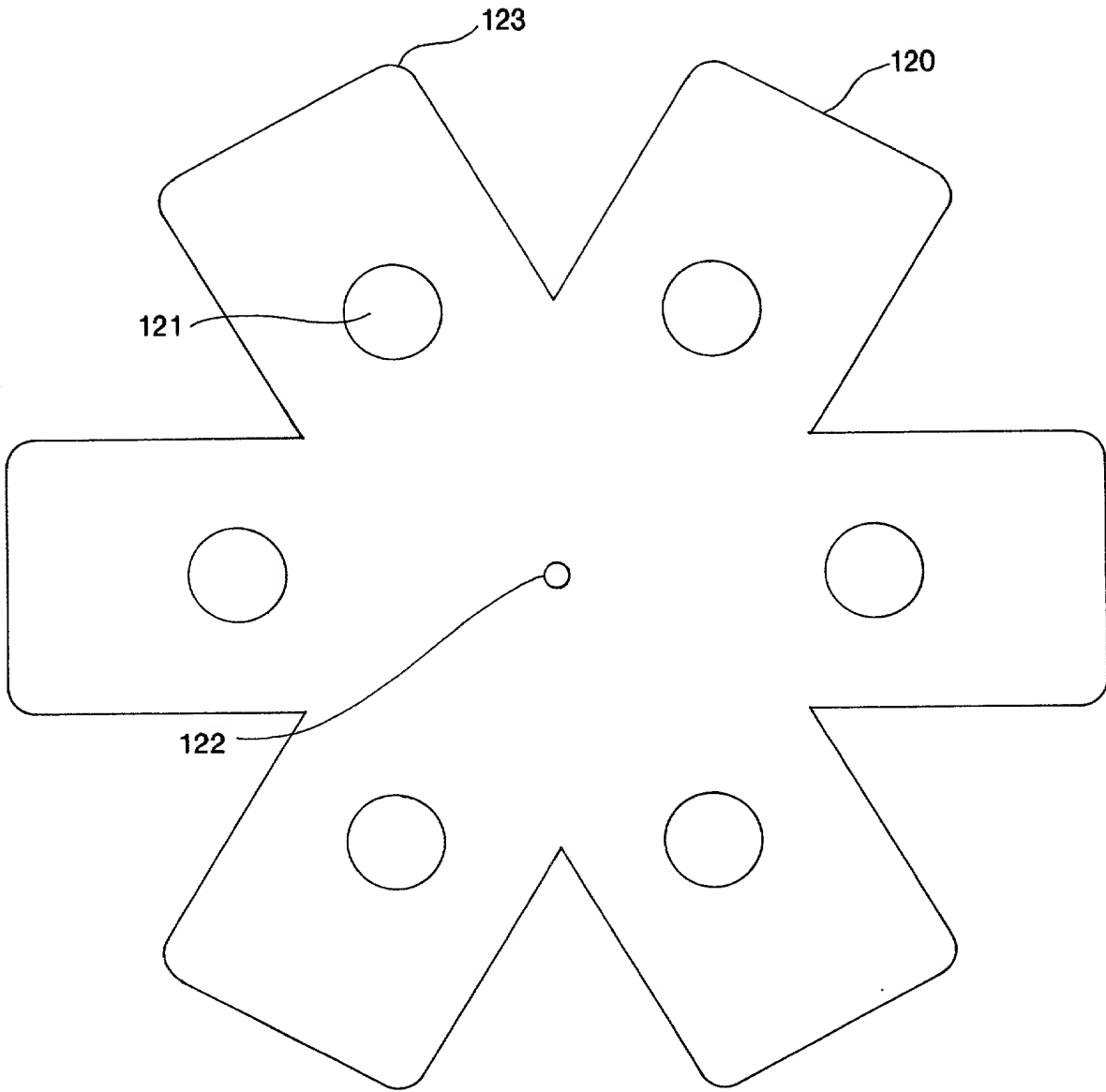


FIG. 18